

07/28/03
16638 U.S.IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UTILITY PATENT APPLICATION TRANSMITTAL
UNDER 37 CFR 1.53(b)

| | | | |
|-----------------------------------|--|-------------------------|-----------------|
| Address to: | | Attorney Docket No.: | CH920000046US1 |
| Commissioner for Patents | | Inventor(s): | Binnig et al |
| MS Patent App | | Express Mail Label No.: | ER 275502284 US |
| PO Box 1450 | | Customer No.: | 36380 |
| Alexandria, Virginia 22313-1450 | | | |
| Title: MECHANICAL DATA PROCESSING | | | |

10/40510
10/628813

07/28/03

Transmitted herewith is the patent application as follows:

| | | | | | |
|----|---------|---------------------------------------|---------|-------------------------------------|-----------|
| 9 | Page(s) | Specification (w/o Claims & Abstract) | | | |
| 2 | Page(s) | Claim(s) | | | |
| 1 | Page(s) | Abstract | | | |
| 5 | Page(s) | Drawing(s) | Formal: | <input checked="" type="checkbox"/> | Informal: |
| 2 | Page(s) | Declaration & Power of Attorney(s) | Signed: | <input checked="" type="checkbox"/> | Unsigned: |
| 19 | Page(s) | TOTAL APPLICATION | | | |

Accompanying Application Parts:

| | | | |
|---|---------|--|--|
| 2 | Page(s) | Assignment Papers (cover sheet and document(s)) | ASSIGNEE NAME: International Business Machines Corporation |
| 2 | Page(s) | Information Disclosure Statement (IDS)/PTO-1449/Copies of IDS Citations (copies of citations not included in number of pages) | ASSIGNEE RESIDENCE: Armonk, New York |
| 0 | Page(s) | Certified Copy of Priority Document(s): | <input type="text"/> (if foreign priority is claimed) |
| 0 | Page(s) | Preliminary Amendment | |
| 2 | Page(s) | Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | |
| 6 | Page(s) | TOTAL ACCOMPANYING APPLICATION PARTS | |

If a Continuing Application, check appropriate box, and supply the requisite information below and in a preliminary amendment.

 Continuation Divisional Continuation-in-Part (CIP)

Prior Application Information:

Serial Number: Examiner: Group Art Unit:

For Continuation or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as indicated above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

Claiming Priority of Provisional Application, check appropriate box and supply information.

 Claiming priority of Provisional Application Serial Number Filed on:

Fee Calculation:

| | Claims | | Difference | Extra | Rate | Fees |
|---------------------------|--------|------|------------|-------|--------------|-----------------|
| Basic Fee | | | | | | \$750.00 |
| Total Claims | 14 | -20= | (-6) | 0 | \$18.00 | \$00.00 |
| Independent Claims | 2 | -3= | 9-10 | 0 | \$84.00 | 00.00 |
| Multiple Dependent Claims | 0 | | | 0 | \$280.00 | 00.00 |
| | | | | | TOTAL | \$750.00 |

 Please charge my Deposit Account No 09-0441. in the amount of \$750.00 (A duplicate copy of this sheet is attached.) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0441 Any filing fees under 37 CFR 1.16 for the presentation of extra claims. Any application processing fees under 37 CFR 1.17.

EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, MS Patent App, PO Box 1450, Alexandria VA 22313-1450.

Date of Deposit: July 28, 2003Person mailing paper/fee: RICHARD M. GOLDMANSignature: Richard M. Goldman

Respectfully Submitted,

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